



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Our Case No. 14978US01)

In The Application Of:

T. Knowles

Serial No.: 10/611,583

Filed: July 1, 2003

Examiner: Not Assigned

Group Art Unit: Unknown

For: TORSIONAL ACOUSTIC WAVE
SENSOR

CERTIFICATE OF MAILING

I hereby certify that this correspondence is
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September 26, 2003

By: Jean D. Kuelper

Reg. No.: 30,171

INFORMATION DISCLOSURE STATEMENT

Mail Stop DD
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Alexandria, VA 22313-1450

Dear Sir:

It is respectfully requested that the patents listed on the enclosed PTO form 1449 be considered in the examination of the above-identified patent application. Please initial the citations considered on PTO form 1449 and the enclosed copy thereof and return one copy.

Please charge any additional fees associated with this Information Disclosure Statement to the deposit account of McAndrews, Held & Malloy, Ltd., Account No. 13-0017.

Respectfully submitted,

Dated: Sept 26, 2003

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Sheet 1 of 2

Form PTO-1449 (Rev. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 14798US01	SERIAL NO. 10/611,583
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT(s): Knowles et al.	
		FILING DATE: July 1, 2003	GROUP ART UNIT: Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	4,645,870	02/24/87	Adler			
	B	4,700,176	10/13/87	Adler			
	C	5,149,986	09/22/92	Jalbert			
	D	5,177,327	01/05/93	Knowles			
	E	5,451,723	09/19/95	Huang et al.			
	F	5,573,077	11/12/96	Knowles			
	G	5,673,041	09/30/97	Chatigny et al.			
	H	5,813,280	09/29/98	Johnson et al.			
	I	5,856,820	01/05/99	Weigers et al.			
	J	5,986,224	11/16/99	Kent			
	K	6,078,315	06/20/00	Huang			
	L	6,085,576	07/11/00	Sunshine et al.			
	M	6,087,599	07/11/00	Knowles			
	N	6,091,406	07/18/00	Kambara et al.			
	O	6,369,806 B1	04/09/02	Endo et al.			
	P	6,473,075 B1	10/29/02	Gomes et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	N	NONE						
	O							
	P							
	Q							
	R							
	S							
	T							
	U							



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	V	"Trapped Torsional Modes In Solid Cylinders," W. Johnson, B.A. Auld and E. Segal, J. Acoustic. Soc. Am. (1), July 1996
	W	
	X	
	Y	
EXAMINER		DATE CONSIDERED:
<small>*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>		